

FIG. 1A



FIG. 1B

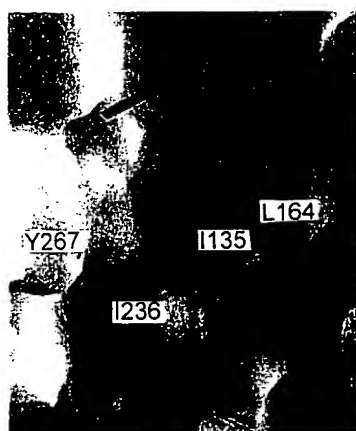


FIG. 1C

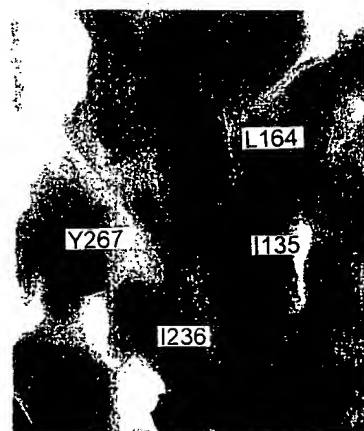


FIG. 1D

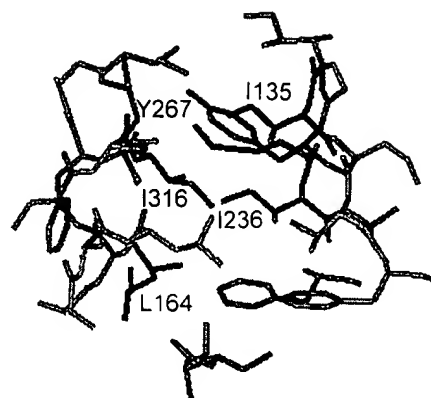
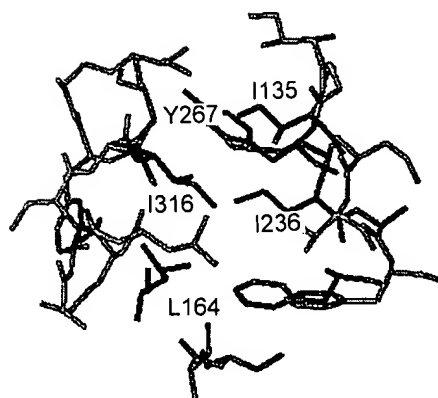


FIG. 1E

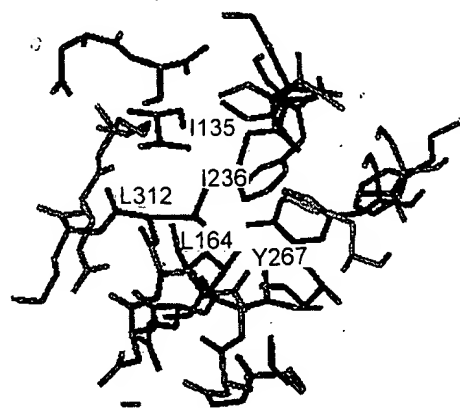
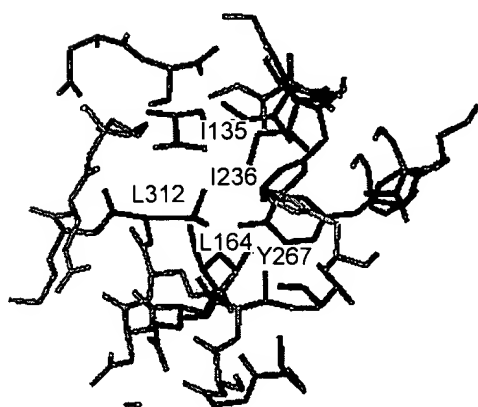


FIG. 1F

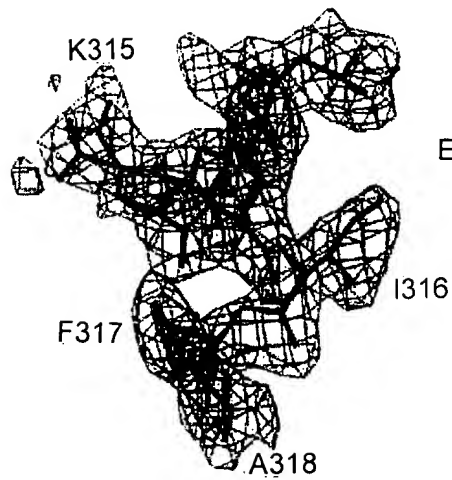


FIG. 2A

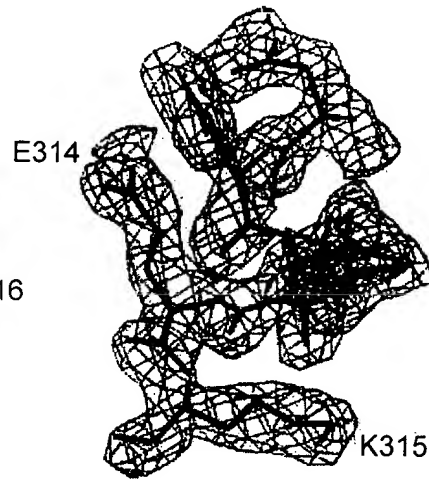


FIG. 2B

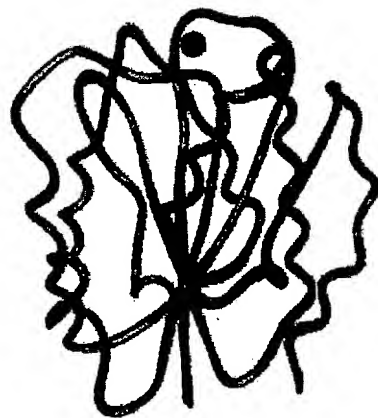


FIG. 2C

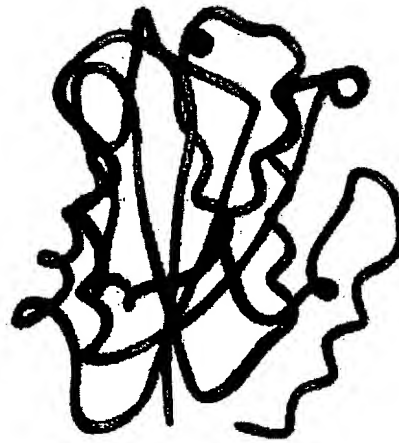


FIG. 2D

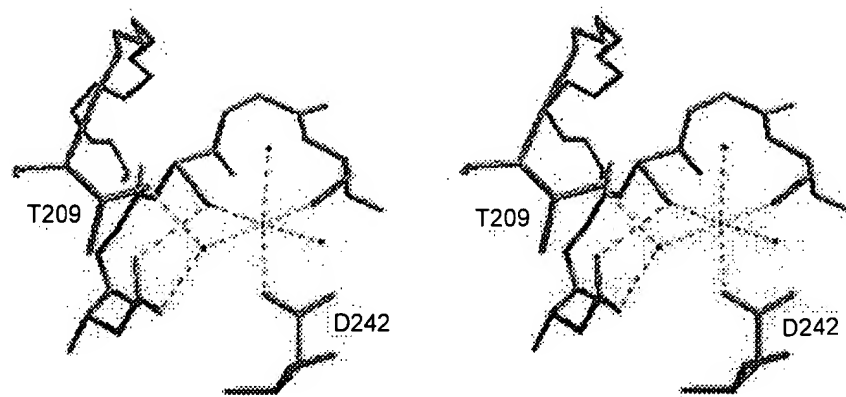


FIG. 2E

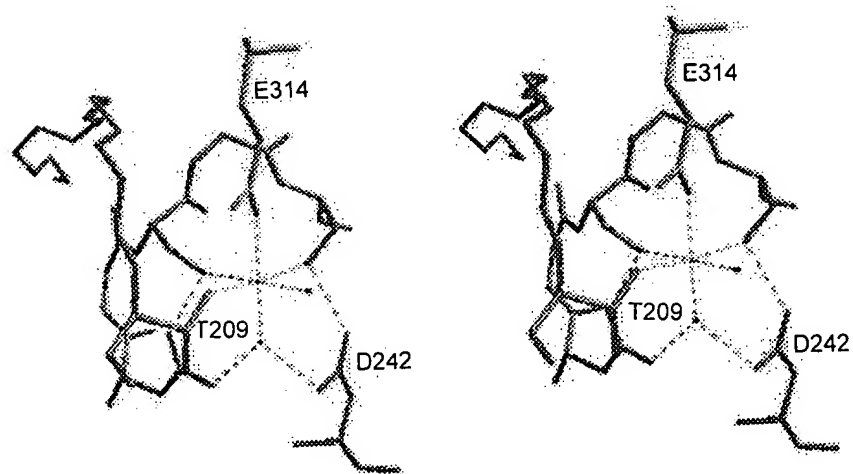
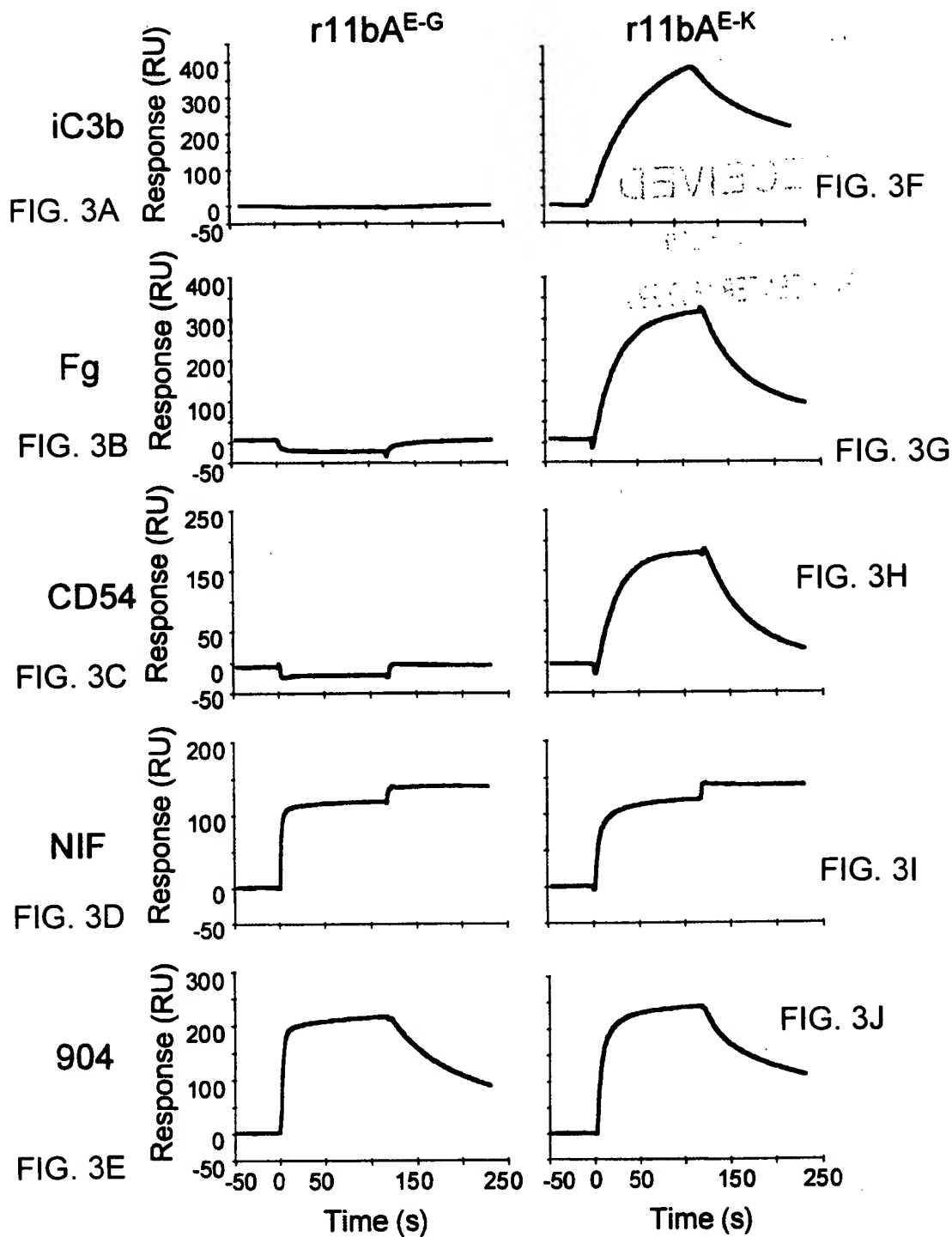


FIG. 2F



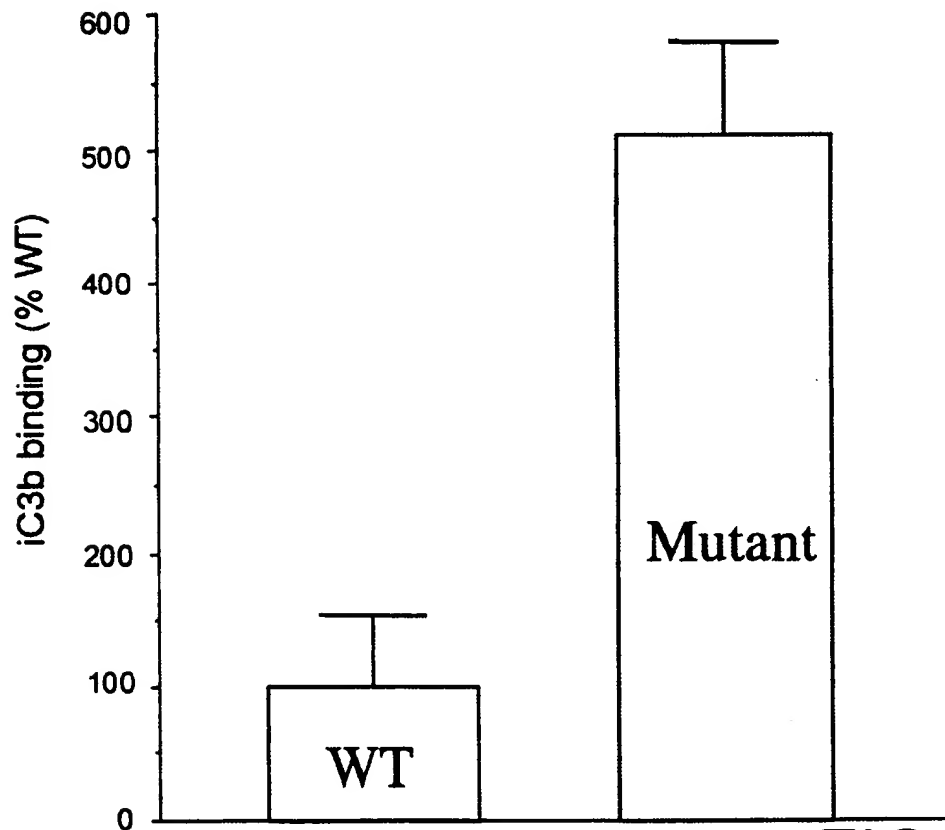
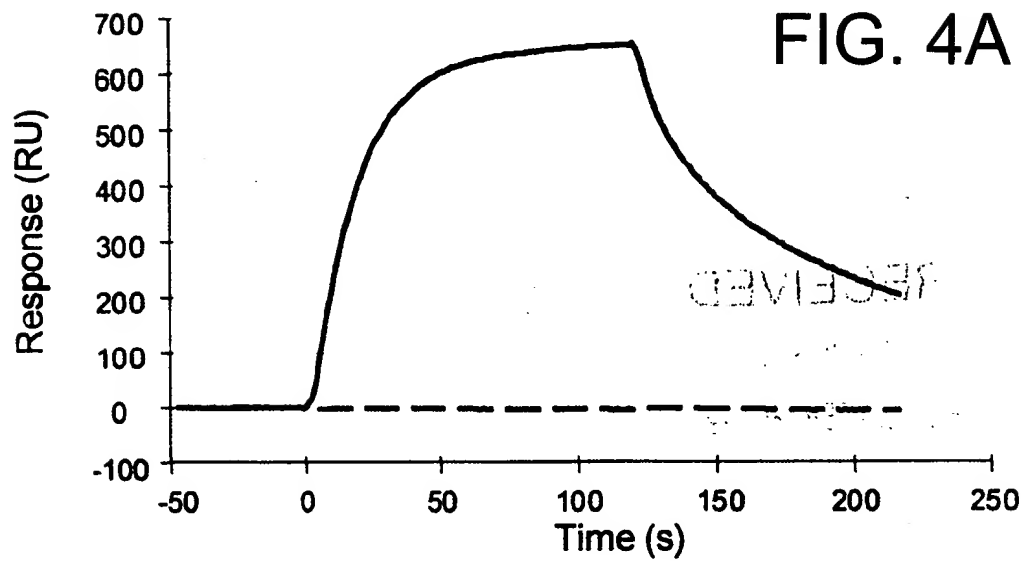


FIG. 4B

11b-A	1:CPQEDSDIAFIDGSG	1:10	1:20	1:30	1:40	1:50	1:60	1:70	1:80	1:90	1:100
11c-A	1:CPRQEDIDFIDGSG	1:10	1:20	1:30	1:40	1:50	1:60	1:70	1:80	1:90	1:100
11d-A	1:CPHQEDIDFIDGSG	1:10	1:20	1:30	1:40	1:50	1:60	1:70	1:80	1:90	1:100
11a-A	1:CIKGNIDFIDGSG	1:10	1:20	1:30	1:40	1:50	1:60	1:70	1:80	1:90	1:100
11a-A	1:1CSTQIDFIDGSG	1:10	1:20	1:30	1:40	1:50	1:60	1:70	1:80	1:90	1:100
a2-A	1:1CPSLIDFIDGSG	1:10	1:20	1:30	1:40	1:50	1:60	1:70	1:80	1:90	1:100
a10-A	1:1CPTYIDFIDGSG	1:10	1:20	1:30	1:40	1:50	1:60	1:70	1:80	1:90	1:100
a11-A	1:1CQTYIDFIDGSG	1:10	1:20	1:30	1:40	1:50	1:60	1:70	1:80	1:90	1:100
aE-A	1:1EEAGTIDFIDGSG	1:10	1:20	1:30	1:40	1:50	1:60	1:70	1:80	1:90	1:100
consensus	1:1	1:10	1:20	1:30	1:40	1:50	1:60	1:70	1:80	1:90	1:100
11b-A	98:ITNGARNDP	98:110	98:120	98:130	98:140	98:150	98:160	98:170	98:180	98:190	98:200
11c-A	98:ASVGRNDP	98:110	98:120	98:130	98:140	98:150	98:160	98:170	98:180	98:190	98:200
11d-A	98:HKNGRNDP	98:110	98:120	98:130	98:140	98:150	98:160	98:170	98:180	98:190	98:200
11a-A	98:EEELGRNDP	98:110	98:120	98:130	98:140	98:150	98:160	98:170	98:180	98:190	98:200
a1-A	98:EARGRNDP	98:110	98:120	98:130	98:140	98:150	98:160	98:170	98:180	98:190	98:200
a2-A	98:AAAGRNDP	98:110	98:120	98:130	98:140	98:150	98:160	98:170	98:180	98:190	98:200
a10-A	98:QSHGRNDP	98:110	98:120	98:130	98:140	98:150	98:160	98:170	98:180	98:190	98:200
a11-A	96:QKGRNDP	96:110	96:120	96:130	96:140	96:150	96:160	96:170	96:180	96:190	96:200
aE-A	99:SSHGRNDP	99:110	99:120	99:130	99:140	99:150	99:160	99:170	99:180	99:190	99:200
consensus	101:1	101:10	101:20	101:30	101:40	101:50	101:60	101:70	101:80	101:90	101:100
11b-A	193:EG	193:194	193:195	193:196	193:197	193:198	193:199	193:200	193:201	193:202	193:203
11c-A	193:EG	193:194	193:195	193:196	193:197	193:198	193:199	193:200	193:201	193:202	193:203
11d-A	193:EG	193:194	193:195	193:196	193:197	193:198	193:199	193:200	193:201	193:202	193:203
11a-A	186:EG	187	188	189	190	191	192	193	194	195	196
a1-A	197:EG	198	199	200	201	202	203	204	205	206	207
a2-A	197:EG	198	199	200	201	202	203	204	205	206	207
a10-A	197:EG	198	199	200	201	202	203	204	205	206	207
a11-A	195:EG	196	197	198	199	200	201	202	203	204	205
aE-A	194:EG	195	196	197	198	199	200	201	202	203	204
consensus	201:1	202	203	204	205	206	207	208	209	210	211

FIG. 5

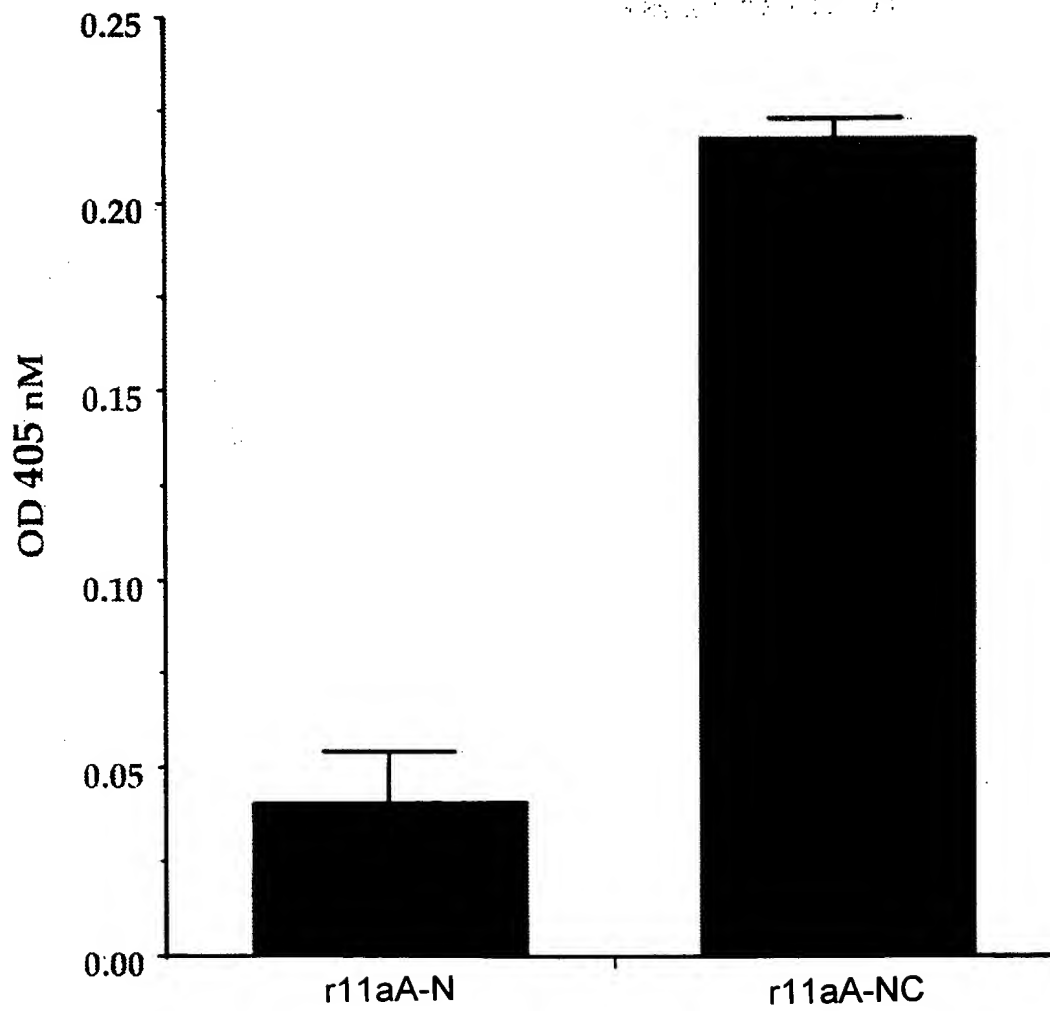


FIG. 6

